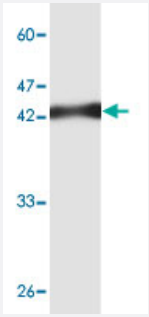
# CP monoclonal antibody, clone 2

Catalog # MAB8782 Size 100 uL

## Applications




### Western Blot (Recombinant protein)

Western blot analysis in CP recombinant protein with CP monoclonal antibody, clone 6cv4 (Cat # MAB8782) at 1 : 1000 dilution.

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against partial recombinant CP. |
| **Immunogen** | Recombinant protein corresponding to amino acids 933-1065 of human CP. |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Specificity** | This antibody recognizes recombinant protein CP. |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Concentration** | 1 ug/uL |
| **Isotype** | IgG2a |
| **Recommend Usage** | Western Blot (1:1000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In citrate-Tris-HCl, pH 7.0 (0.02% Proclin 300) |

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| | |
|---|---|
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western blot analysis in CP recombinant protein with CP monoclonal antibody, clone 6cv4 (Cat # MAB8782) at 1 : 1000 dilution.

## Gene Info — CP

| | |
|---|---|
| **Entrez GeneID** | 1356 |
| **Protein Accession#** | NM_000096.3 |
| **Gene Name** | CP |
| **Gene Alias** | CP-2 |
| **Gene Description** | ceruloplasmin (ferroxidase) |
| **Omim ID** | 117700 604290 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a metalloprotein that binds most of the copper in plasma and is involved in the peroxidation of Fe(II)transferrin to Fe(III) transferrin. Mutations in this gene cause aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated wit h diabetes and neurologic abnormalities. [provided by RefSeq |
| **Other Designations** | ceruloplasmin\|ferroxidase |

## Pathway

- Porphyrin and chlorophyll metabolism

## Disease

- Abortion

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- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anoxia
- Cognition
- Genetic Predisposition to Disease
- Parkinson disease

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